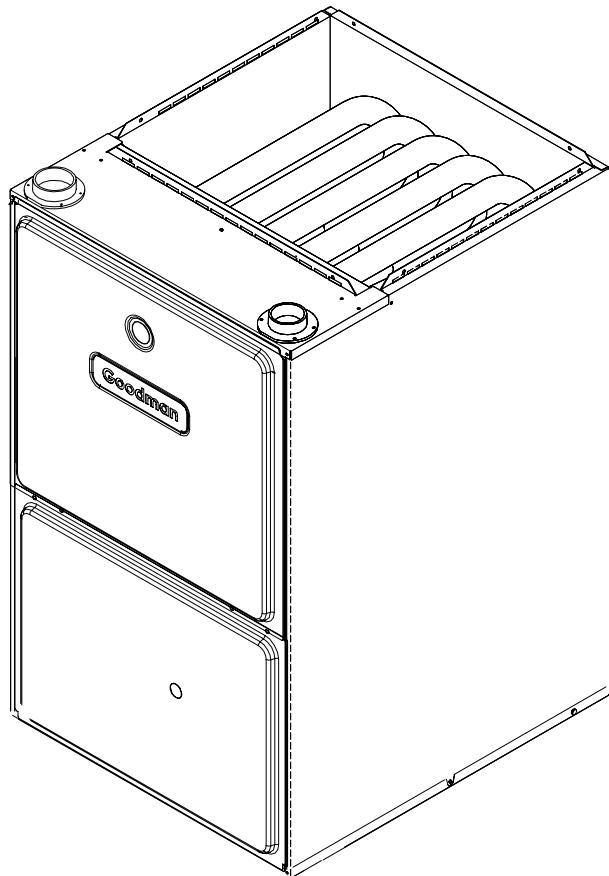


# REPAIR PARTS

## GMS9\*XA Gas Furnace

GMS90453BXA P1256801F  
GMS90453BXA P1256807F  
GMS90703BXA P1256802F  
GMS90703BXA P1256808F  
GMS90904CXA P1256804F  
GMS90904CXA P1256809F  
GMS91155DXA P1256806F



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RP-257C  
September 2006

This manual is to be used by qualified technicians only.

This manual replaces RP-257B.  
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# Important Information

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*Views shown are for parts illustrations only, not servicing procedures*

Rev. C: Added models GMS90453BXA, GMS90703BXA, and GMS90904CXA.

### **Text Codes:**

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

### **Expanded Model Nomenclature:**

Example
M1 - Model#1
M2 - Model#2
M3 - Model#3

Goodman Manufacturing Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:  
Consumer Affairs Department  
Goodman Manufacturing Company, L.P.  
7401 Security Way  
Houston, Texas 77040  
877-254-4729-Telephone  
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:  
International Division  
Goodman Manufacturing Company, L.P.  
7401 Security Way  
Houston, Texas 77040  
713-861-2500-Telephone  
713-863-2382-Facsimile

## Functional Parts

Part No:	Description:	SPECIAL PARTS	
10735102S	BECKETT BURNER (QTY AR)	HI-115A	HOMEOWNERS INSTRUCTIONS
PCBBF112S	BOARD, CTRL INTEGRATED H.S.I.	IO-661	INSTALLATION INSTRUCTIONS
CAP150000370VAS	CAPACITOR (M4)	IO-244E	INSTALLATION INSTRUCTIONS
CAP200000370VAS	CAPACITOR (M3, M7)	22323501	INSTALLATION-HUMIDIFIER
CAP125000370VAS	CAPACITOR (M1, M2, M5, M6)	0161F00000P	NAMEPLATE, GOODMAN
0130F00010	FLAME SENSOR	RP-257C	REPAIR PARTS MANUAL
B1282628	GAS VALVE	10195517Q	STANDPIPE BAG ASSY
0257F00143S	HEAT EXCHANGER ASSY 2B (M1, M5)	Expanded Model Nomenclature	
20317342	HEAT EXCHANGER ASSY 3B (M2, M6)	M1 - GMS90453BXA	P1256801F
0257F00173S	HEAT EXCHANGER ASSY 4B (M3, M7)	M2 - GMS90703BXA	P1256802F
0257F00174S	HEAT EXCHANGER ASSY 5B (M4)	M3 - GMS90904CXA	P1256804F
22307501S	I.D. BLOWER	M4 - GMS91155DXA	P1256806F
20165703S	IGNITOR	M5 - GMS90453BXA	P1256807F
B1370818	INTERLOCK SWITCH	M6 - GMS90703BXA	P1256808F
20162904	LIMIT (M1, M3, M5, M7)	M7 - GMS90904CXA	P1256809F
20162906	LIMIT (M4)		
20162903	LIMIT (M2, M6)		
10123535	LIMIT, RESET MANUAL (M1, M2, M3, M5, M6, M7)		
10123519	LIMIT, RESET MANUAL (M4)		
10123533	LIMIT, RESET MANUAL (QTY AR)		
20196402	MANIFOLD (M2, M6)		
20196404	MANIFOLD (M4)		
20196401	MANIFOLD (M1, M5)		
20196403	MANIFOLD (M3, M7)		
10759415S	MOTOR, BLOWER 3/4 HP (M4)		
B1340024S	MOTOR, DIRECT DRIVE 1/2 HP (M3, M7)		
B1340025S	MOTOR, DIRECT DRIVE 1/3 HP (M1, M2, M5, M6)		
10716003	ORIFICE (QTY AR)		
0130F00004	PRESSURE SWITCH (M6)		
20197312	PRESSURE SWITCH (M1, M5)		
20197310	PRESSURE SWITCH (M2, M3, M4, M7)		
B1141605	TRANSFORMER, 120V TO 24V, 40VA		
0159F00000	WIRING HARNESS		

# Cabinet

Image 1

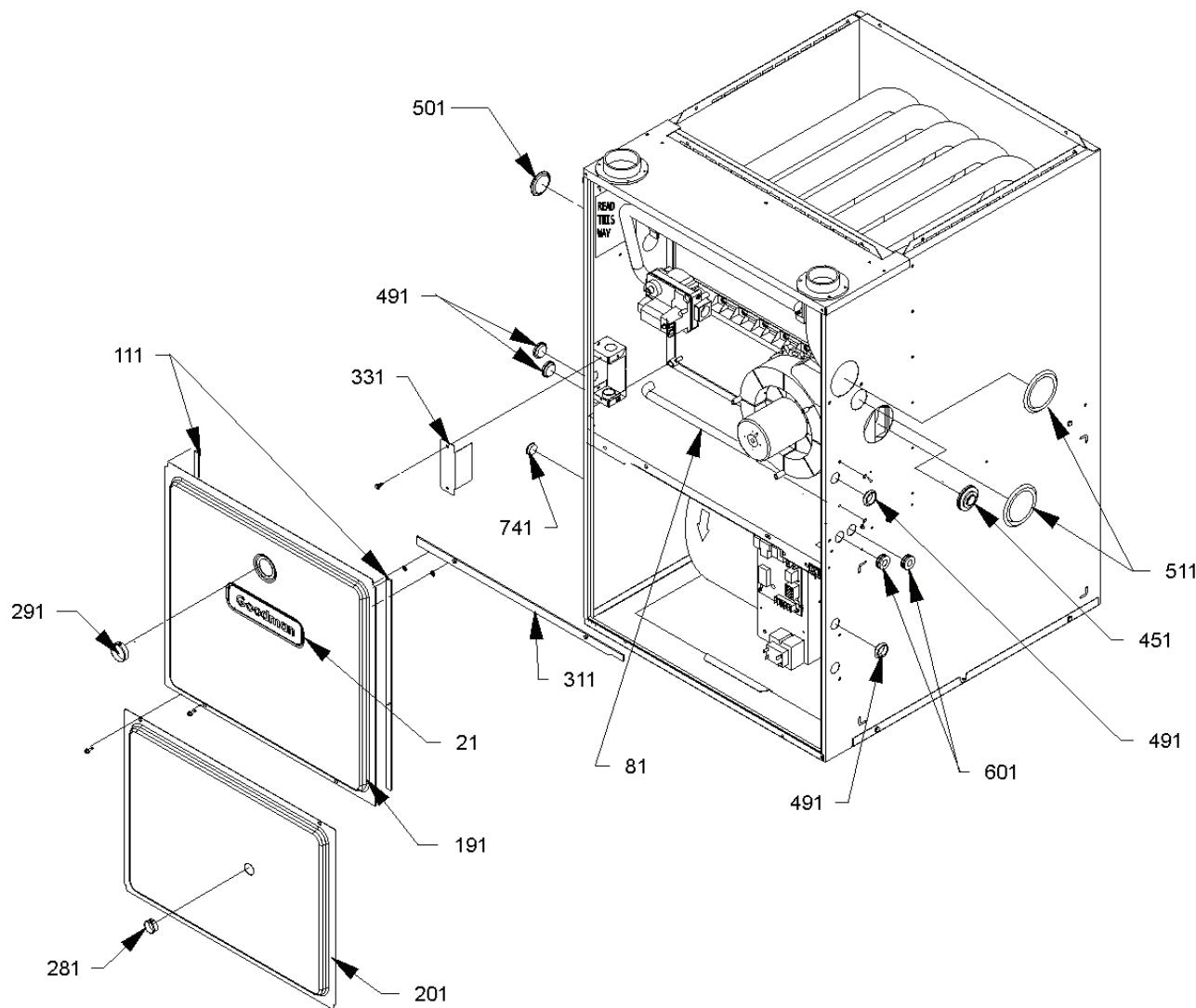
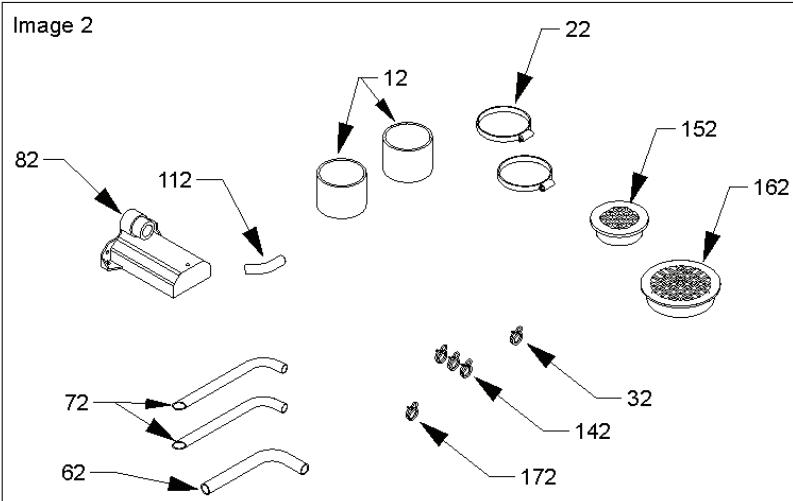


Image 2



## Cabinet

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
21	0161F00000P		NAMEPLATE, GOODMAN
81	20201902		DRAIN HOSE
111	20179308		GASKET (QTY 2)
191	0121F00072DG		ACCESS DOOR (M1, M2, M5, M6)
191	0121F00073DG		ACCESS DOOR (M3, M7)
191	0121F00074DG		ACCESS DOOR (M4)
201	0121F00069DG		BLOWER DOOR (M1, M2, M5, M6)
201	0121F00070DG		BLOWER DOOR (M3, M7)
201	0121F00071DG		BLOWER DOOR (M4)
281	B1392139		VIEW PORT BUSHING-BLOWER DOOR
291	11104002		VIEWPORT BUSHING-ACCESS DOOR
311	22320001		DECK GASKET (M1, M2, M5, M6)
311	22320002		DECK GASKET (M3, M7)
311	22320003		DECK GASKET (M4)
331	10736201		COVER, HIGH VOLTAGE BOX
451	M0501301		PIPE GROMMET
491	M0570808		BUTTON PLUG (QTY 4)
501	M0570806		BUTTON PLUG
511	M0570807		BUTTON PLUG (QTY AR)
601	A4691701		GROMMET (QTY AR)
621	M0310345		BUTTON PLUG (QTY 2)
741	B1392104		UNIVERSAL BUSHING UB 875 (QTY 2)
<i>Image 2:</i>			
12	10254303		RUBBER COUPLING
22	A3326002		HOSE CLAMP (QTY 2)
32	M0119207		HOSE CLAMP
62	20201901		DRAIN HOSE
72	20201802		DRAIN TUBE (QTY 2)
82	20171701		DRAIN TRAP
112	20214203		DRAIN ANGLE
142	M0119205		HOSE CLAMP (QTY 3)
152	B2810816		2" MESH INSERT
162	B2810814		3" MESH INSERT
172	M0119206		HOSE CLAMP
Expanded Model Nomenclature			
M1 - GMS90453BXA	P1256801F		
M2 - GMS90703BXA	P1256802F		
M3 - GMS90904CXA	P1256804F		
M4 - GMS91155DXA	P1256806F		
M5 - GMS90453BXA	P1256807F		
M6 - GMS90703BXA	P1256808F		
M7 - GMS90904CXA	P1256809F		

## Blower Assembly

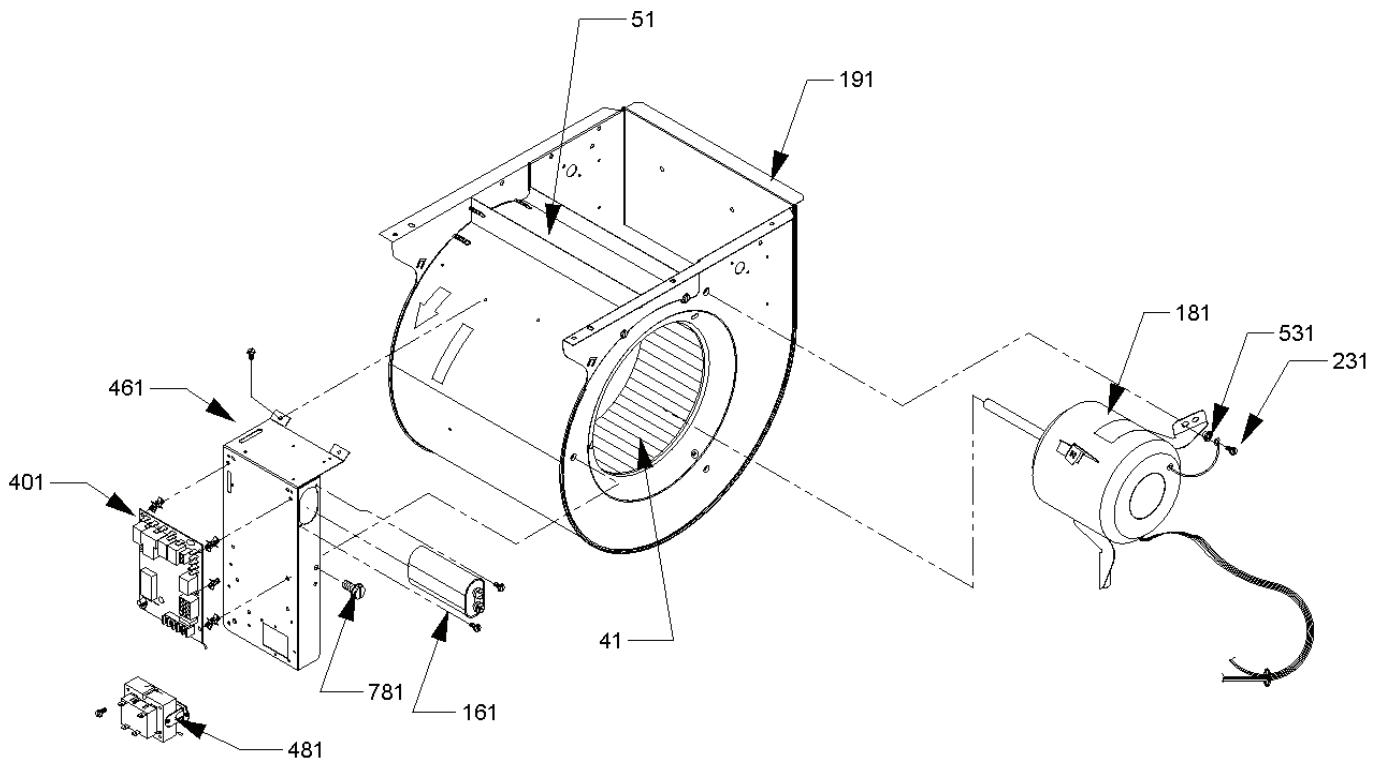
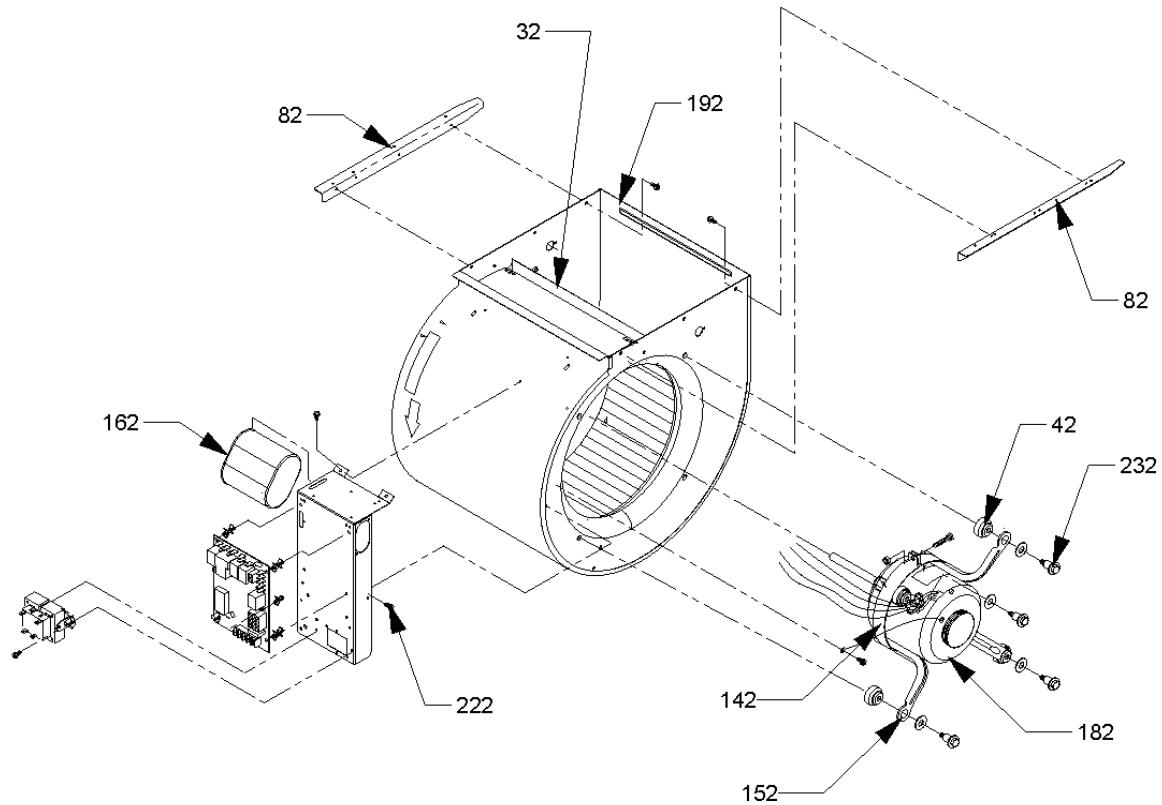


Image 1

Image 2



# Blower Assembly

Ref Part No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>				
41 D6723311S	BLOWER WHEEL (M4)	M1 - GMS90453BXA	P1256801F	Expanded Model Nomenclature
41 B1368047A	BLOWER WHEEL 10 X 10 (M7)	M2 - GMS90703BXA	P1256802F	
41 B1368047A	BLOWER WHEEL 10 X 10 (M3)	M3 - GMS90904CXA	P1256804F	
41 B1368058S	BLOWER WHEEL 10 X 8 (M1, M2)	M4 - GMS91155DXA	P1256806F	
41 B1368058S	BLOWER WHEEL 10 X 8 (M5, M6)	M5 - GMS90453BXA	P1256807F	
51 764741	BLOWER BLOCK-OFF 10 X 10 (M7)	M6 - GMS90703BXA	P1256808F	
51 764740F	BLOWER BLOCK-OFF 10 X 8 (M5, M6)	M7 - GMS90904CXA	P1256809F	
161 CAP125000370VAS	CAPACITOR (M1, M2, M5, M6)			
161 CAP200000370VAS	CAPACITOR (M3, M7)			
181 B1340024S	MOTOR, DIRECT DRIVE 1/2 HP (M3, M7)			
181 B1340025S	MOTOR, DIRECT DRIVE 1/3 HP (M1, M2, M5, M6)			
181 0159F00000	WIRING HARNESS			
191 11185819	BLOWER HOUSING ASSY (M1, M2)			
191 0271F00003P	BLOWER HOUSING ASSY 10 X 10 (M7)			
191 0271F00000P	BLOWER HOUSING ASSY 10 X 8 (M5, M6)			
231 M0250558	SCREW-TC (M5, M6, M7)			
401 PCBBF112S	BOARD, CTRL INTEGRATED H.S.I.			
461 0121F00025P	CONTROL BRACKET			
481 B1141605	TRANSFORMER, 120V TO 24V, 40VA			
531 B1392143	GROMMET, 26TAL F/TORSIN FLEX (M1, M2, M3, M5, M6, M7)			
781 M0227803	SCREW-TC			
<i>Image 2:</i>				
32 C6121807	CUT-OFF (M4)			
32 C6121807	CUT-OFF (M3)			
32 C6121810	CUT-OFF (M1, M2)			
42 A4002701	GROMMET (M4)			
82 20175101	RAIL, BLOWER SIDE (M1, M2)			
82 20175101	RAIL, BLOWER SIDE (M3, M4)			
142 10441601	MOTOR MOUNT BAND (M4)			
152 10441501	MOTOR MOUNT ARM (M4)			
162 CAP150000370VAS	CAPACITOR (M4)			
182 10759415S	MOTOR, BLOWER 3/4 HP (M4)			
192 11185807	BLOWER HOUSING ASSY (M4)			
192 11185815	BLOWER HOUSING ASSY (M3)			
192 0271F00048	BLOWER HOUSING ASSY 11X10 (M4)			
222 M0253516	SCREW-TR (M1, M2, M3, M4)			
232 M0221461	SCREW-TC (M4)			
232 M0250558	SCREW-TC (M1, M2, M3)			

## Chassis

Image 1

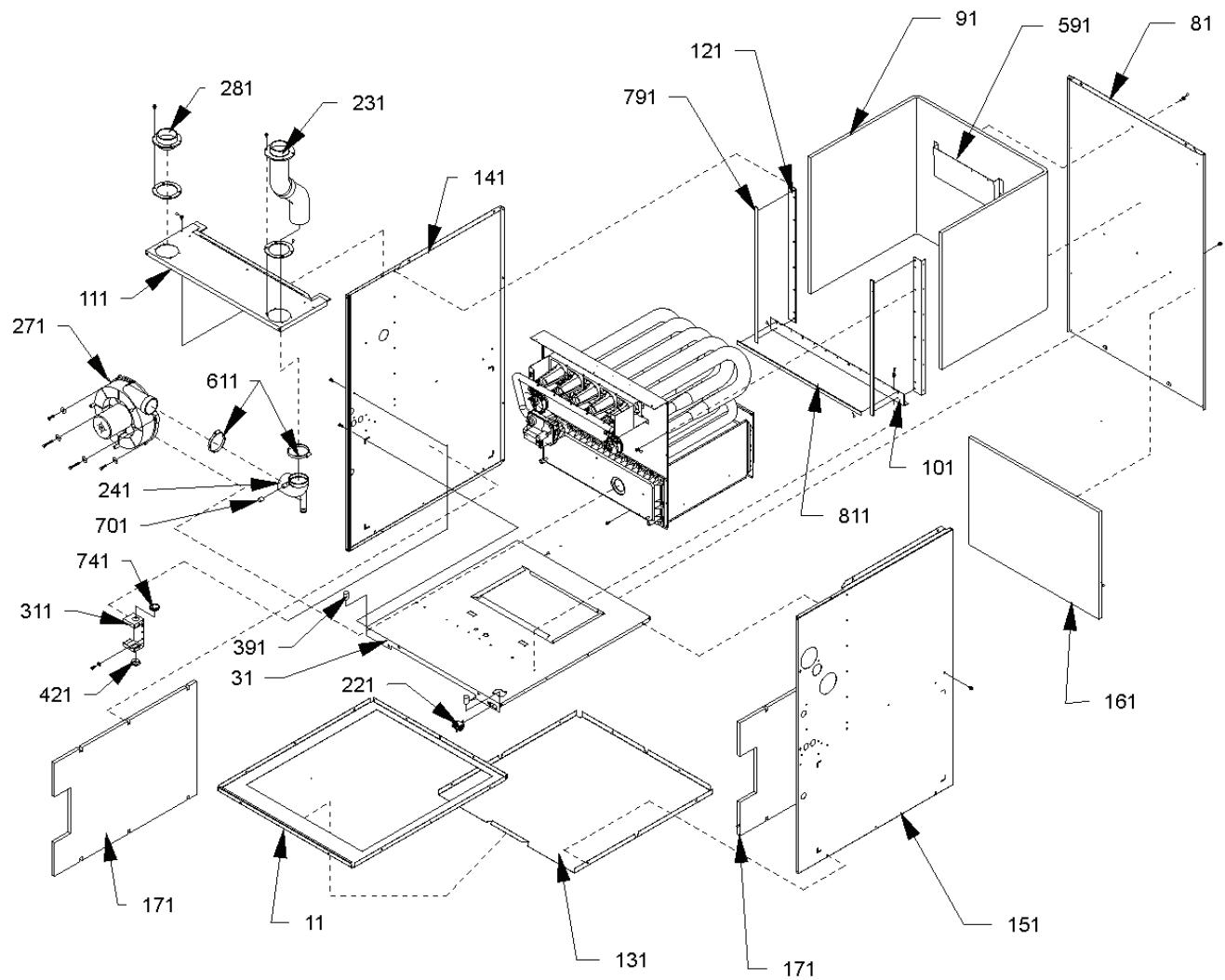
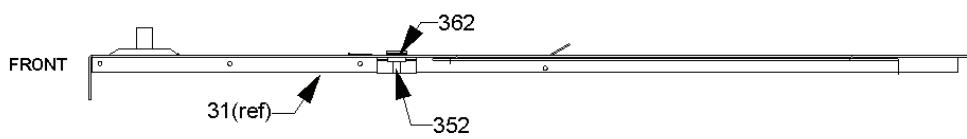


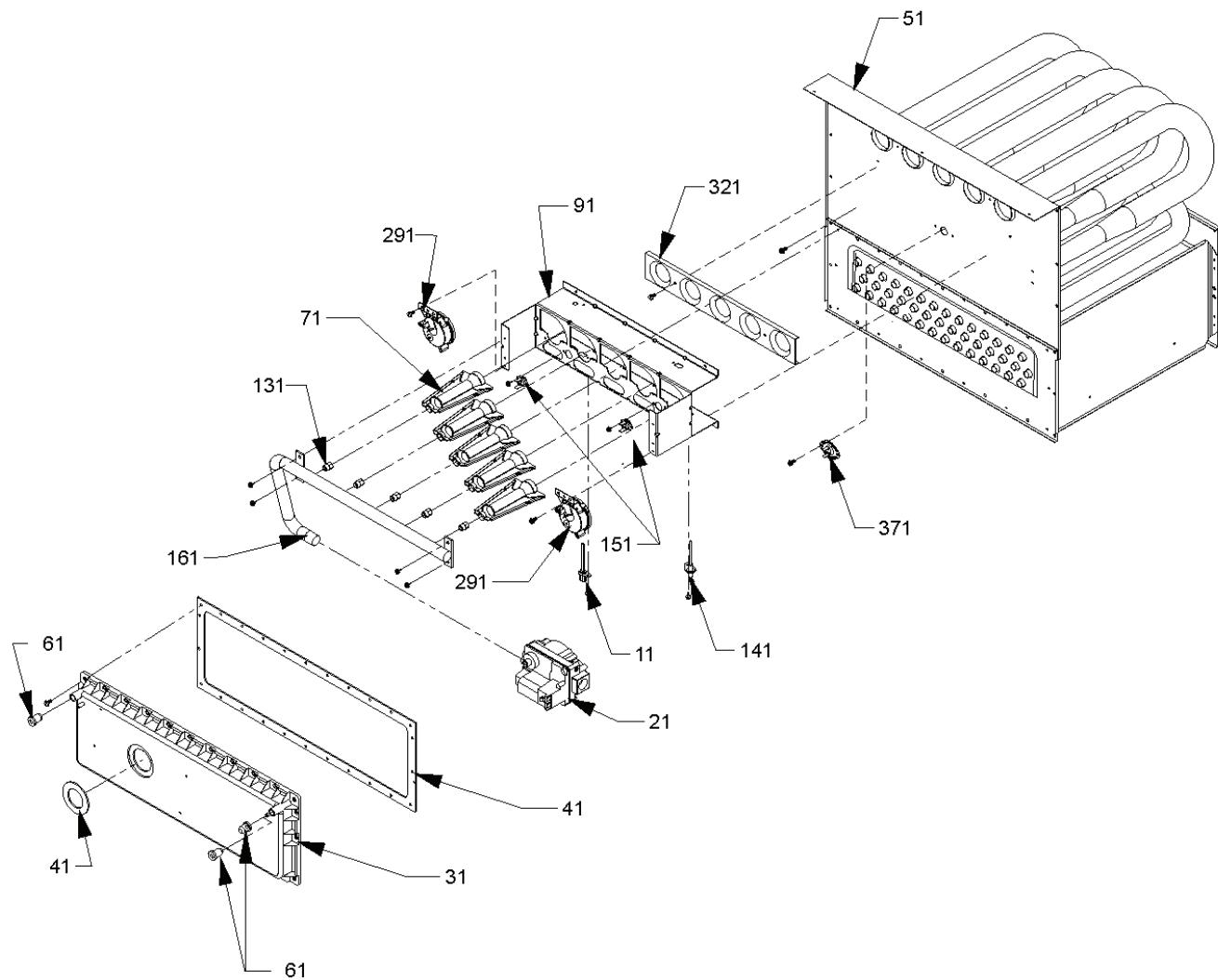
Image 2



# Chassis

Ref Part No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>				
11 0121F00050DG	BASEPAN (M1, M2, M5, M6)	741	B1392104	UNIVERSAL BUSHING UB 875 (QTY 2)
11 0121F00051DG	BASEPAN (M3, M7)	791	20194608	GASKET (QTY 2)
11 0121F00052DG	BASEPAN (M4)	811	20194605	GASKET (M1, M2, M5, M6)
31 0121F00043	BLOWER DECK (M5, M6)	811	20194606	GASKET (M3, M7)
31 0121F00045	BLOWER DECK (M7)	811	20194607	GASKET (M4)
31 0121F00048	BLOWER DECK (M4)	<i>Image 2:</i>		
31 20190231	BLOWER DECK (M1, M2)	352	10861101	BRACKET, AUX LIMIT
31 20190232	BLOWER DECK (M3)	362	10123519	LIMIT, RESET MANUAL (M4)
81 20273208	BACK PANEL (M1, M2, M5, M6)	362	10123535	LIMIT, RESET MANUAL (M1, M2, M3, M5, M6, M7)
81 20273210	BACK PANEL (M3, M7)	Expanded Model Nomenclature		
81 20273212	BACK PANEL (M4)	M1 - GMS90453BXA	P1256801F	
91 C6415909	INSULATION-HEAT EXCHANGER (M4)	M2 - GMS90703BXA	P1256802F	
91 C6415910	INSULATION-HEAT EXCHANGER (M1, M2, M5, M6)	M3 - GMS90904CXA	P1256804F	
91 C6415911	INSULATION-HEAT EXCHANGER (M3, M7)	M4 - GMS91155DXA	P1256806F	
101 0121F00018P	DECK RAIL (M5, M6)	M5 - GMS90453BXA	P1256807F	
101 0121F00019P	DECK RAIL (M7)	M6 - GMS90703BXA	P1256808F	
101 20191303	DECK RAIL (M4)	M7 - GMS90904CXA	P1256809F	
101 20191304	DECK RAIL (M1, M2)			
101 20191305	DECK RAIL (M3)			
111 0270F00001PS	TOP COVER ASSY (M3, M7)			
111 0270F00002PS	TOP COVER ASSY (M4)			
111 0270F00100PS	TOP COVER ASSY (M1, M2, M5, M6)			
121 20191602	SIDE RAIL (M1, M2, M5, M6)			
121 20191603	SIDE RAIL (M3, M7)			
121 20191604	SIDE RAIL (M4)			
131 20523801	FILLER PLATE (M1, M2, M5, M6)			
131 20523802	FILLER PLATE (M3, M7)			
131 20523803	FILLER PLATE (M4)			
141 0121F00092DG	PANEL, SIDE LH			
151 0121F00090DG	PANEL, SIDE RH			
161 20006601	INSULATION (M1, M2, M5, M6)			
161 20006602	INSULATION (M3, M7)			
161 20006603	INSULATION (M4)			
171 20243503	SIDE INSULATION (QTY 2)			
221 B1370818	INTERLOCK SWITCH			
231 22309501	FLUE PIPE			
241 20171802	ELBOW			
271 22307501S	I.D. BLOWER			
281 20049701	COUPLING-FA			
311 10736102	BOX, HIGH VOLTAGE			
391 M0275521	PLASTIC SEALER (M1, M2, M3, M4)			
421 A4554801	SNAP BUSHING			
591 11165107	SHIELD, ID BLOWER			
611 A3326002	HOSE CLAMP (QTY 2)			
701 M0326804	TUBE PLUG (M5, M6, M7)			

## Heat Exchanger/Manifold/Gas Valve



# Heat Exchanger/Manifold/Gas Valve

Ref Part No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>				
11 20165703S	IGNITOR	M1 - GMS90453BXA	P1256801F	
21 B1282628	GAS VALVE	M2 - GMS90703BXA	P1256802F	
31 20170801AS	FRONT COVER (M1, M5)	M3 - GMS90904CXA	P1256804F	
31 20170802AS	FRONT COVER (M2, M6)	M4 - GMS91155DXA	P1256806F	
31 20170902AS	FRONT COVER (M3, M7)	M5 - GMS90453BXA	P1256807F	
31 20171002AS	FRONT COVER (M4)	M6 - GMS90703BXA	P1256808F	
41 0154F00000P	COIL GASKET (M1, M2, M5, M6)	M7 - GMS90904CXA	P1256809F	
41 0154F00001P	COIL GASKET (M3, M7)			
41 0154F00002P	COIL GASKET (M4)			
41 0130F00010	FLAME SENSOR			
51 0257F00143S	HEAT EXCHANGER ASSY 2B (M1, M5)			
51 20317342	HEAT EXCHANGER ASSY 3B (M2, M6)			
51 0257F00173S	HEAT EXCHANGER ASSY 4B (M3, M7)			
51 0257F00174S	HEAT EXCHANGER ASSY 5B (M4)			
61 M0326804	TUBE PLUG (QTY 3)			
71 10735102S	BECKETT BURNER (QTY AR)			
91 20190410	BURNER BRACKET 2B (M1, M5)			
91 20190411	BURNER BRACKET 3B (M2, M6)			
91 20190412	BURNER BRACKET 4B (M3, M7)			
91 20190413	BURNER BRACKET 5B (M4)			
131 10716003	ORIFICE (QTY AR)			
151 10123533	LIMIT, RESET MANUAL (QTY AR)			
161 20196401	MANIFOLD (M1, M5)			
161 20196402	MANIFOLD (M2, M6)			
161 20196403	MANIFOLD (M3, M7)			
161 20196404	MANIFOLD (M4)			
291 0130F00004	PRESSURE SWITCH (M6)			
291 20197310	PRESSURE SWITCH (M2, M3, M4, M7)			
291 20197312	PRESSURE SWITCH (M1, M5)			
321 11072201	SHIELD, ORIFICE (M1, M5)			
321 11072202	SHIELD, ORIFICE (M2, M6)			
321 11072203	SHIELD, ORIFICE (M3, M7)			
321 11072204	SHIELD, ORIFICE (M4)			
371 20162903	LIMIT (M2, M6)			
371 20162904	LIMIT (M1, M3, M5, M7)			
371 20162906	LIMIT (M4)			
NS 0164M00002	HOSE, PRESSURE SWITCH (QTY 2)			
NS 0164M00002	HOSE, PRESSURE SWITCH			
NS 0164M00009	HOSE, PRESSURE SWITCH (M4, M5, M6, M7)			
NS 0164M00012	HOSE, PRESSURE SWITCH (M5, M6)			
NS 0164M00013	HOSE, PRESSURE SWITCH (M1, M2, M7)			
NS 0164M00014	HOSE, PRESSURE SWITCH (M3, M4)			
NS 0164M00015	HOSE, PRESSURE SWITCH (M1, M2, M3)			